

**Or how it finally clicked and
I learned to love preprocessors**

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Why?



“Because CSS is Hard”

- Chris Eppstein

History



In the beginning...

CSS has always been a bit of trouble.

1980's- SGML had stylesheets

1990- Stylesheets goal of HTML from beginning

1995- HTML 2.0, no stylesheets

1996- CSS1 spec

- IE3 offers text support, no box support

1997- HTML 3.2 & HTML 4.0

- NN4 offers limited CSS support, only because of IE

History



1998- HTML4.0 & CSS2 spec

- Neither IE4 or NN4 support CCS1 well.

1999- CSS3 drafts start to show up.

- CSS3 broke into modules
- Browser prefix Hell
- IE5, Netscape fading fast

2013- CSS3 modules still evolving!

Firefox still requires -moz-box-sizing!

What is a preprocessor?



- Write in one syntax and output in a different syntax
- Extends CSS by writing a stylesheets in an extended meta-language format and compiling out to valid CSS.
- Emphasis on DRY (don't repeat yourself)
- No browser dependencies

What preprocessors can do



- Variables
- Define & reuse common rules
- Automate common syntax
- Make minor changes to existing rules
- Better organization of rules
- Perform math calculations

Sass & LESS



Sass - sass-lang.com

- Syntactically Awesome Stylesheets
- 2 syntax, (Sass, SCSS)
 - Identical functionality
- Ruby based app
- Compass support

LESS - lesscss.org

- Paired down version of Sass
- Javascript based app
- Influenced Sass v2 syntax



Sass

Sass



Sass {style with attitude}

sass-lang.com



(style with attitude)

```
$ gem install sass  
$ mv style.css style.scss  
$ sass --watch style.scss:style.css
```

[About](#)[Tutorial](#)[Documentation](#)[Blog](#)[Try Online](#)

Latest Release: Media Mark (3.2.10)

[What's New?](#)

Sass makes CSS fun again. Sass is an extension of CSS3, adding [nested rules](#), [variables](#), [mixins](#), [selector inheritance](#), and [more](#). It's translated to well-formatted, standard CSS using the command line tool or a web-framework plugin.

Sass has two syntaxes. The most commonly used syntax is known as "SCSS" (for "Sassy CSS"), and is a superset of CSS3's syntax. This means that every valid CSS3 stylesheet is valid SCSS as well. SCSS files use the extension `.scss`.

The second, older syntax is known as [the indented syntax](#) (or just ".sass"). Inspired by [Haml](#)'s terseness, it's intended for people who prefer conciseness over similarity to CSS. Instead of brackets and semicolons, it uses the indentation of lines to specify blocks. Files in the indented syntax use the extension `.sass`.



[Download](#)

◆ [Editor Support](#)

◆ [Development](#)

Sass



Sass – Original syntax

- Syntactically Awesome Stylesheets
- Indented format
 - White space matters
 - No curly brackets or ;
- .sass extension

```
1  ul.inline li
2    padding: 0px
3    margin: 1em 0em
4    display: block
5    a
6      color: $white
7      padding: 0em
8      margin: 1em
```

SCSS – Newer syntax

- Sassy CSS
 - White space doesn't matter
 - Uses curly brackets and ;
- .scss extension
- Any valid CSS is valid SCSS

```
1  ul.inline li {
2    padding: 0px;
3    margin: 1em 0em;
4    display: block;
5    a {
6      color: $white;
7      padding: 0em;
8      margin: 1em;
9    }
10 }
```

Functionally identical, SCSS most commonly used



Sass Code Examples

Nesting



sass-lang.com/docs/yardoc/file.SASS_REFERENCE.html#nested_rules

```
nesting.scss
1 article {
2   margin: 2em 0;
3   h1 {
4     color: #005bcc;
5   }
6   ul {
7     list-style: none;
8     padding: 10px 0;
9     li {
10      display: inline;
11      a {
12        text-decoration: none;
13      }
14    }
15  }
16 }
17
```

```
nesting.css
1 article {
2   margin: 2em 0;
3 }
4 article h1 {
5   color: #005bcc;
6 }
7 article ul {
8   list-style: none;
9   padding: 10px 0;
10 }
11 article ul li {
12   display: inline;
13 }
14 article ul li a {
15   text-decoration: none;
16 }
17
```

Variables



sass-lang.com/docs/yardoc/file.SASS_REFERENCE.html#variables

variables.scss	variables.css
1	1 body ·{
2 \$path : "/images/";	2 ·· background : ·url(/images//texture.jpg
3 \$blue : #1ea8ff;	3 }
4 \$serif : georgia, times, serif;	4
5 \$sans : arial, trebuchet, sans;	5 h1 ·{
6	6 ·· font-face : ·arial, ·trebuchet, ·sans;
7 body ·{	7 ·· color : #1ea8ff;
8 ·· background : ·url("#{ \$path }/texture.jpg	8 }
9 }	9
10	10 p ·{
11 h1 ·{	11 ·· font-face : georgia, times, serif;
12 ·· font-face : \$sans ;	12 ·· color : #0090ea;
13 ·· color : \$blue ;	13 }
14 }	14
15	
16 p ·{	
17 ·· font-face : \$serif ;	
18 ·· color : darken(\$blue , 10%);	
19 }	
20	

Parent References



sass-

lang.com/docs/yardoc/file.SASS_REFERENCE.html#referencing_parent_selectors

parent.scss	parent.css
1 <code>div a {</code>	1 <code>div a {</code>
2 <code> color: #ce4dd6;</code>	2 <code> color: #ce4dd6;</code>
3 <code> &:hover { color: #ffb3ff; }</code>	3 <code>}</code>
4 <code> &:visited { color: #c458cb; }</code>	4 <code>div a: hover {</code>
5 <code>}</code>	5 <code> color: #ffb3ff;</code>
6	6 <code>}</code>
	7 <code>div a: visited {</code>
	8 <code> color: #c458cb;</code>
	9 <code>}</code>
	10

Mixins



sass-lang.com/docs/yardoc/file.SASS_REFERENCE.html#mixins

```
mixin.scss
1 @mixin nav-list {
2   list-style-type: none;
3   padding: 0;
4   margin: 0;
5   > li {
6     display: block;
7     float: left;
8     &:last-child {
9       margin-right: 0px;
10    }
11  }
12 }
13
14 ul {
15   @include nav-list;
16 }
17

mixin.css
1 ul {
2   list-style-type: none;
3   padding: 0;
4   margin: 0;
5 }
6 ul > li {
7   display: block;
8   float: left;
9 }
10 ul > li:last-child {
11   margin-right: 0px;
12 }
13
```


Arguments



sass-lang.com/docs/yardoc/file.SASS_REFERENCE.html#mixin-arguments

arguments.scss	arguments.css
<pre>1 // Rems/px font sizing - Variables & Mixin 2 // Set rem and em to 10px == 16px * .625 3 html { font-size: 62.5%; } 4 \$base-font-size: 10px; 5 \$rem-ratio: \$base-font-size / 1rem; 6 7 @mixin rem(\$key, \$px) { 8 #{ \$key }: \$px; 9 #{ \$key }: \$px / \$rem-ratio; 10 } 11 12 p { 13 @include rem(font-size, 16px); 14 } 15 16 .box { 17 @include rem(padding, 10px); 18 } 19</pre>	<pre>1 html { 2 font-size: 62.5%; 3 } 4 5 p { 6 font-size: 16px; 7 font-size: 1.6rem; 8 } 9 10 .box { 11 padding: 10px; 12 padding: 1rem; 13 } 14</pre>

Extends



sass-lang.com/docs/yardoc/file.SASS_REFERENCE.html#extend

extend.scss	extend.css
<pre>1 .box { 2 border: 2px solid black; 3 margin: 1em; 4 width: 200px; 5 } 6 7 .big-box { 8 @extend .box; 9 width: 300px; 10 } 11 12 .little-box { 13 @extend .box; 14 width: 100px; 15 } 16</pre>	<pre>1 .box, .big-box, .little-box { 2 border: 2px solid black; 3 margin: 1em; 4 width: 200px; 5 } 6 7 .big-box { 8 width: 300px; 9 } 10 11 .little-box { 12 width: 100px; 13 } 14</pre>

Comments



sass-lang.com/docs/yardoc/file.SASS_REFERENCE.html#comments

comments.scss	comments.css
1 h1{	1 h1{
2 font-size: 2em;	2 font-size: 2em;
3 }	3 }
4	4
5 // Single line comments are thrown away	5 h2{
6 h2{	6 font-size: 1.75em;
7 font-size: 1.75em;	7 }
8 }	8
9	9 /*
10 /*	10 Multi line comments
11 Multi line comments	11 are not thrown out
12 are not thrown out	12 */
13 */	13 h3{
14 h3{	14 font-size: 1.5em;
15 font-size: 1.5em;	15 }
16 }	16
17	17 /* Single line w/ Multiline style */
18 /* Single line w/ Multiline style */	18
19	

Partials



sass-lang.com/docs/yardoc/file.SASS_REFERENCE.html#partials

```
_colors.scss
1  /* Color Variables */
2  $blue: #0000ee;
3  $red: #ee0000;
4

_text.scss
1  // Font Variables
2  $sans: arial, helvetica;
3  $serif: georgia, times;
4
5  /* CSS */
6  p {
7    font-family: $sans;
8  }
9

partial.scss
1
2  @import "colors.scss";
3
4  div {
5    border: 1px solid $red;
6  }
7
8  @import "sub/text";
9

partial.css
1  /* Color Variables */
2  div {
3    border: 1px solid #ee0000;
4  }
5
6  /* CSS */
7  p {
8    font-family: arial, helvetica;
9  }
10
```









Tools

Sassmeister




sassmeister.com





Syntax Extension Output Style

SCSS Compass (v0.13.alpha.4) expanded



Sass

```
1- @mixin nav-list {
2-   list-style-type:none;
3-   padding:0;
4-   margin:0;
5-   > li{
6-     display:block;
7-     float:left;
8-     &:last-child{
9-       margin-right:0px;
10-    }
11-  }
12- }
13-
14- ul {
15-   @include nav-list();
16- }
```

CSS

```
1- ul {
2-   list-style-type: none;
3-   padding: 0;
4-   margin: 0;
5- }
6- ul > li {
7-   display: block;
8-   float: left;
9- }
10- ul > li:last-child {
11-   margin-right: 0px;
12- }
13-
```

Codepen



codepen.io/pen/

CODEPEN

Save

Login / Sign up

HTML

```
<body>
  <article>
    <h1>Pirate Ipsum</h1>
    <p>Mizzen belaying pin boatswain heave down</p>
  </article>
</body>
```

CSS (SCSS)

```
$scuttle: #334d5d;
$brig: 2em;
body {
  background-color: $mutiny;
  article {
    background-color: $arggg;
    padding: {
      left: $brig / 3;
    }
    h1 {
      color: $scuttle;
      font-size: $brig;
    }
    p {
      color: shade($scuttle, 10%);
    }
  }
}
```

Pirate Ipsum

Mizzen belaying pin boatswain heave down

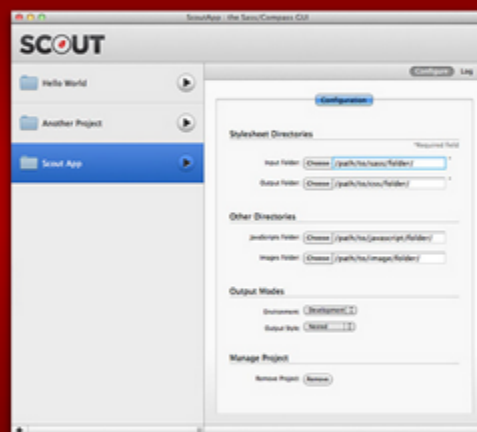
Scout



mhs.github.io/scout-app

SCOUT

Compass and Sass without all the hass(le)



Scout is a cross-platform app that delivers the power of Sass & Compass into the hands of web designers.

Scout helps make your CSS workflow a snap by delivering more control, optimization, and organization. *No developer required.*



Download Scout

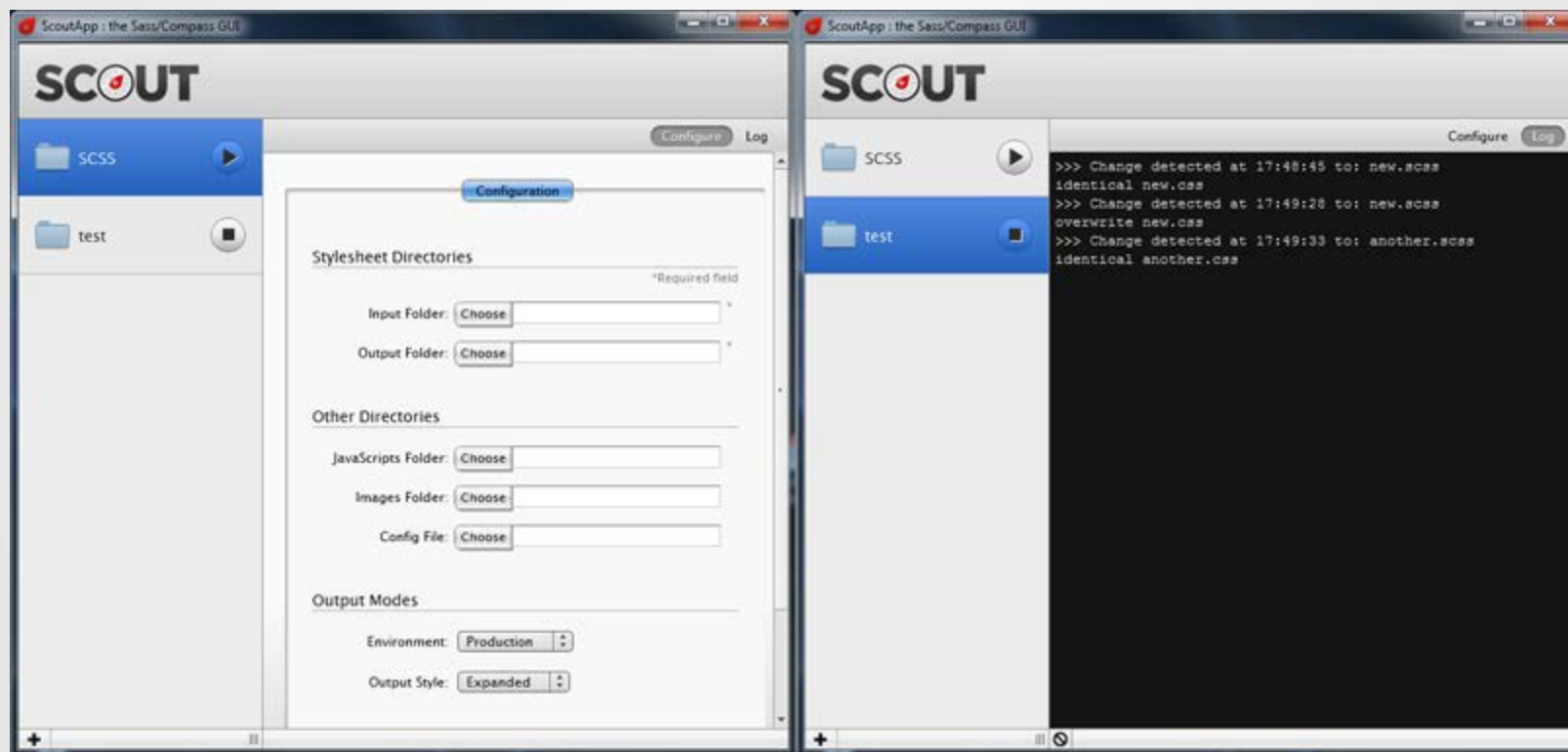
TELL ME MORE!

Since Sass and Compass are Ruby gems, they require that you have a working

Scout



mhs.github.io/scout-app



Compass.app



compass.handlino.com

Use Sass / Compass in easily

[Documentation](#) [FAQ](#) [Issues](#)



compass.app

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Compass is a stylesheet authoring framework that makes your stylesheets and markup easier to build and maintain. With compass, you write your stylesheets in **Sass** instead of plain CSS.

Compass.app is a menubar only app for Sass and Compass. It helps designers compile stylesheets easily without resorting to command line interface.

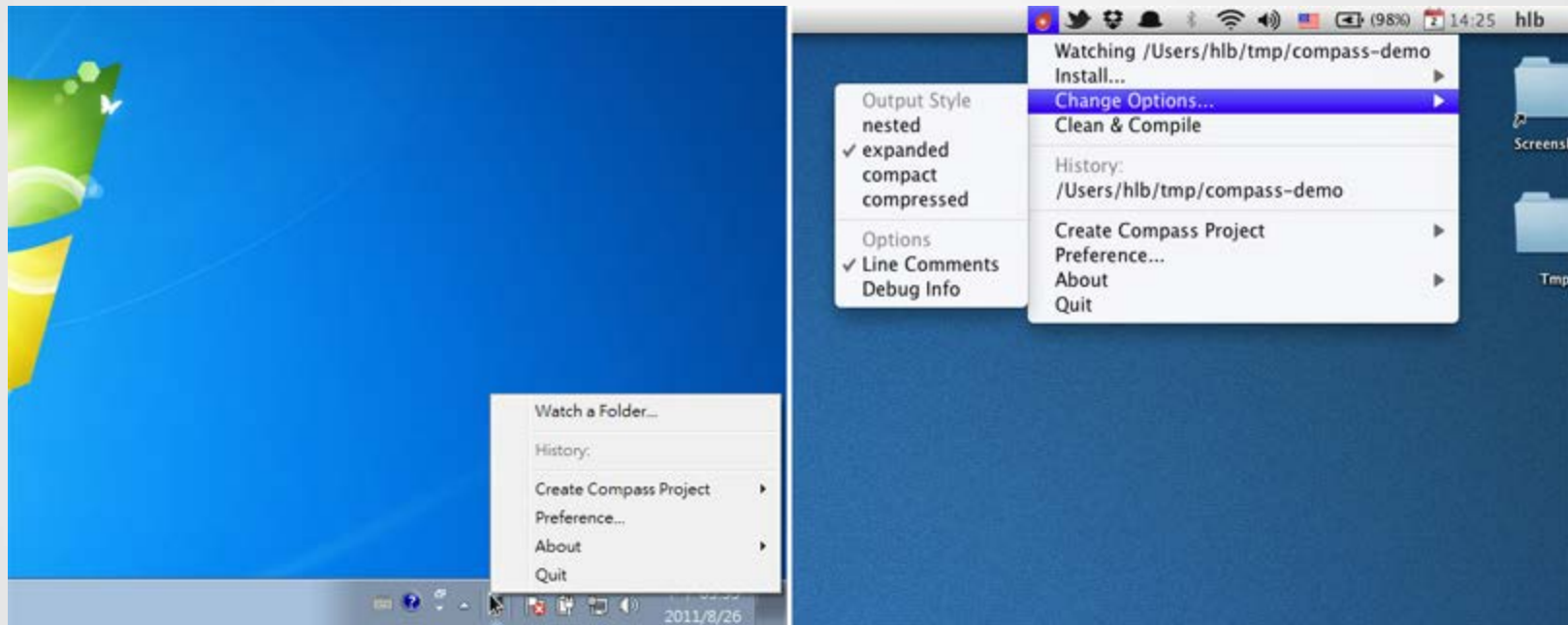


We also made
Fire.app - The fast
prototyping tool

Compass.app



compass.handlino.com



Compass.app



compass.handlino.com

The screenshot shows a Mac OS X desktop. At the top is a menu bar with various system icons (Wi-Fi, battery, clock, etc.) and the time 14:29. Below the menu bar is a VIM2 editor window titled 'style.scss (~/tmp/compass-demo/sass) - VIM2'. The editor has a dark blue background and displays SCSS code. A notification bubble from 'Compass.app' is visible in the upper right corner of the editor window, stating 'overwrite stylesheets/style.css'.

```
some default constants

compass extension
";

include everything
meting this line
te;

oose only the sections
hese includes
-reset;
-fonts;
-styles;
-helpers;

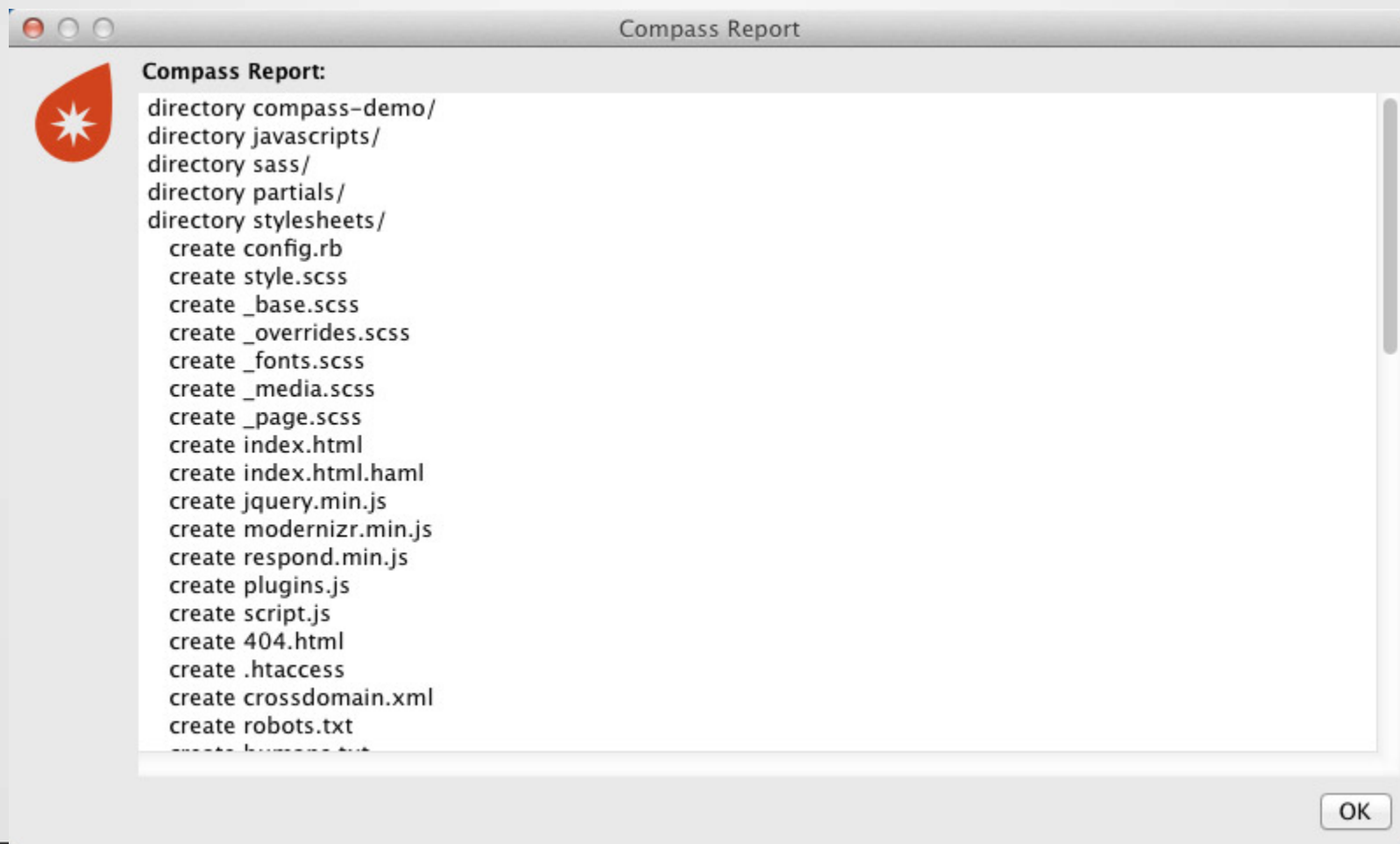
"overrides" partial if
ver individual mixins
des";

tyles in these partials
```

Compass.app



compass.handlino.com



Compass



compass-style.org

[Home](#) [Reference](#) [Help](#) [Blog](#) [Get Involved](#) [Install](#)

 **compass**

Compass is an open-source *CSS Authoring Framework*.

 **Why designers love Compass.**

1. Experience cleaner markup without presentational classes.
2. It's chock full of the web's best [reusable patterns](#).

 **Compass uses Sass.**

[Sass](#) is an extension of CSS3 which adds nested rules, variables, mixins, selector inheritance, and more. Sass generates well formatted CSS and makes your stylesheets easier to organize and maintain.

Compass




scott@ubuntu: /var/www/new

```
scott@ubuntu:/var/www/new$ compass watch
>>> Compass is polling for changes. Press Ctrl-C to Stop.
>>> Change detected at 10:28:33 to: style.scss
overwrite css/style.css
>>> Change detected at 10:28:46 to: style.scss
overwrite css/style.css
>>> Change detected at 10:28:54 to: style.scss
identical css/style.css
>>> Change detected at 10:29:06 to: style.scss
error scss/style.scss (Line 7: Invalid CSS after " font-fa
mily:": expected pseudoclass or pseudoelement, was " "Juice";")
overwrite css/style.css
>>> Change detected at 14:09:31 to: style.scss
error scss/style.scss (Line 7: Invalid CSS after " font-fa
mily:": expected pseudoclass or pseudoelement, was " "Juice")
overwrite css/style.css
```

Compass



compass-style.org/reference/compass

 **compass**

Reference Help Blog Get Involved Install

Blueprint

Core

CSS3

Helpers

Layout

Reset

Reset (legacy)

Typography

Utilities

Version: 0.12.2

scss

sass

⏻

Compass Core

CSS3

Helpers


Layout

Reset

Reset (legacy)

Typography

Utilities


CSS Dev Conf 2013
[Powered by Fusion](#)

Compass Core Framework

[Source on Github](#)

The compass core framework is a design-agnostic framework that provides common code that would otherwise be duplicated across other frameworks and extensions.

This file can be imported using: `@import "compass"`

Imports

1. [CSS3](#) – Provides cross browser CSS3 mixins that take advantage of available pre-spec vendor prefixes.
2. [Typography](#) – Provides basic mixins for common typography patterns.
3. [Utilities](#) – Provides basic mixins for common styling patterns.

Compass Mixins



compass-style.org/reference/compass

CSS3

- Appearance
- Background Clip
- Background Origin
- Background Size
- Border Radius
- Box
- Box Shadow
- Box Sizing
- CSS Regions
- CSS3 Pie
- Columns
- Filter
- Font Face
- Hyphenation
- Images
- Inline Block
- Opacity
- Shared Utilities
- Text Shadow
- Transform
- Transform (legacy)

Compass CSS3

[Source on Github](#)

The CSS3 module provides cross-browser mixins for CSS properties introduced in CSS3, for example `border-radius` and `text-shadow`.

What rendering engines you support for the experimental css properties is governed by the configurable variables defined in [the browser support module](#).

This file can be imported using: `@import "compass/css3"`

Imports

1. [Appearance](#) – Specify the CSS3 appearance property.
2. [Background Clip](#) – Specify the background clip for all browsers.
3. [Background Origin](#) – Specify the background origin for all browsers.
4. [Background Size](#) – Specify the background size for all browsers.
5. [Border Radius](#) – Specify the border radius for all browsers.
6. [Box](#) – This module provides mixins that pertain to the CSS3 Flexible Box.
7. [Box Shadow](#) – Specify the box shadow for all browsers.
8. [Box Sizing](#) – Specify the box sizing for all browsers.
9. [Columns](#) – Specify a columnar layout for all browsers.
10. [Filter](#) – Specify the (image) filter for all browsers.
11. [Font Face](#) – Specify a downloadable font face for all browsers.

Mixins



mixin.scss

```
1 @mixin nav-list {
2   list-style-type: none;
3   padding: 0;
4   margin: 0;
5   > li {
6     display: block;
7     float: left;
8     &:last-child {
9       margin-right: 0px;
10    }
11  }
12 }
13
14 ul {
15   @include nav-list();
16 }
17
```

mixin.css

```
1 ul {
2   list-style-type: none;
3   padding: 0;
4   margin: 0;
5 }
6 ul > li {
7   display: block;
8   float: left;
9 }
10 ul > li:last-child {
11   margin-right: 0px;
12 }
13
```

Horizontal List



compass-style.org/reference/compass/typography/lists/horizontal_list

```
horiz_list.scss
1 @import "compass";
2
3 ul {
4   @include horizontal-list();
5 }
6

horiz_list.css
1 ul {
2   margin: 0; padding: 0; border: 0;
3   overflow: hidden; *zoom: 1;
4 }
5 ul li {
6   list-style-image: none;
7   list-style-type: none;
8   margin-left: 0;
9   white-space: nowrap;
10  display: inline;
11  float: left;
12  padding-left: 4px;
13  padding-right: 4px;
14 }
15 ul li:first-child, ul li.first {
16   padding-left: 0;
17 }
18 ul li:last-child { padding-right: 0; }
19 ul li.last { padding-right: 0; }
20
```

Border Radius



compass-style.org/reference/compass/css3/border_radius

```
border_radius.scss ×
1 @import "compass";
2
3 $default-border-radius: 12px;
4 $rad: $default-border-radius / 2;
5 $ius: 2px;
6
7 div.default {
8   @include border-radius();
9 }
10
11 div.multiple {
12   @include border-radius(10px, $rad);
13 }
14
15 div.math {
16   @include border-radius($rad + $ius);
17 }
18
```

```
border_radius.css ×
1 div.default {
2   -webkit-border-radius: 12px;
3   -moz-border-radius: 12px;
4   -ms-border-radius: 12px;
5   -o-border-radius: 12px;
6   border-radius: 12px;
7 }
8
9 div.multiple {
10   -webkit-border-radius: 10px 6px;
11   -moz-border-radius: 10px / 6px;
12   border-radius: 10px / 6px;
13 }
14
15 div.math {
16   -webkit-border-radius: 8px;
17   -moz-border-radius: 8px;
18   -ms-border-radius: 8px;
19   -o-border-radius: 8px;
20   border-radius: 8px;
21 }
```

Font Face



compass-style.org/reference/compass/css3/font_face

```
font.scss      *   _text.scss      *
1  @import "compass";
2  @import "sub/text";
3
4  @include font-face("Juice", font-files("
   juice.woff", "juice.eot", "juice.svg"));
5
6  h1 {
7    font-family: "Juice", $sans;
8  }
9

font.css      *
1  /* CSS */
2  p {
3    font-family: arial, helvetica;
4  }
5
6  @font-face {
7    font-family: "Juice";
8    src: url('//fonts/juice.woff') format('
   woff'), url('//fonts/juice.eot')
   format('embedded-opentype'), url('
   //fonts/juice.svg') format('svg');
9  }
10
11  h1 {
12    font-family: "Juice", arial, helvetica;
13  }
14
```

Gradients



compass-style.org/reference/compass/css3/images

```
grad.scss  x  grad.css  x
1  @import "compass";
2  @import "colors";
3
4
5  .grad {
6    height: 50%;
7    width: 50%;
8    border: 1px solid black;
9    @include background-image(linear-gradient($red, $blue));
10   @include filter-gradient($red, $blue);
11 }
12
```

Gradients



compass-style.org/reference/compass/css3/images

```
grad.scss  x  grad.css  x
1  /* Color Variables */
2  .grad {
3    height: 50%;
4    width: 50%;
5    border: 1px solid black;
6    background-image: -webkit-gradient(linear, 50% 0%, 50% 100%, color-stop(0%, #ee0000),
      color-stop(100%, #0000ee));
7    background-image: -webkit-linear-gradient(#ee0000, #0000ee);
8    background-image: -moz-linear-gradient(#ee0000, #0000ee);
9    background-image: -o-linear-gradient(#ee0000, #0000ee);
10   background-image: linear-gradient(#ee0000, #0000ee);
11   *zoom: 1;
12   filter: progid:DXImageTransform.Microsoft.gradient(gradientType=0, startColorstr='
      #FFEE0000', endColorstr='#FF0000EE');
13 }
14
```

Box Shadow



compass-style.org/reference/compass/css3/box_shadow

```
shadow.scss  x  shadow.css
1  @import "compass";
2  @import "colors";
3
4  .shadow {
5    @include box-shadow;
6  }
7
8  .offset {
9    @include box-shadow(rgba($blue, 0.4) 4px 4px 10px);
10 }
11
12 $experimental-support-for-webkit: false;
13 $experimental-support-for-mozilla: false;
14 .multi {
15   @include box-shadow($blue 0 5px 15px, $red 0 0 5px 2px inset);
16 }
17
```


Box Shadow



compass-style.org/reference/compass/css3/box_shadow

```
shadow.scss  x  shadow.css  x
1  .shadow {
2    -webkit-box-shadow: 0px 0px 5px #333333;
3    -moz-box-shadow: 0px 0px 5px #333333;
4    box-shadow: 0px 0px 5px #333333;
5  }
6
7  .offset {
8    -webkit-box-shadow: rgba(0, 0, 238, 0.4) 4px 4px 10px;
9    -moz-box-shadow: rgba(0, 0, 238, 0.4) 4px 4px 10px;
10   box-shadow: rgba(0, 0, 238, 0.4) 4px 4px 10px;
11 }
12
13 .multi {
14   box-shadow: #0000ee 0 5px 15px, #ee0000 0 0 5px 2px inset;
15 }
16
```

Sprites



compass-style.org/reference/compass/utilities/sprites

index.html

```
1 <link href="css/sprites.css" rel="stylesheet" type="text/css" />
2
3 <a href="/" class="icons-drupal">Drupal</a>
4 <a href="/" class="icons-rss">Drupal</a>
5 <a href="/" class="icons-share">Drupal</a>
6
```


drupal.png


drupal_hover.png


rss.png


rss_hover.png

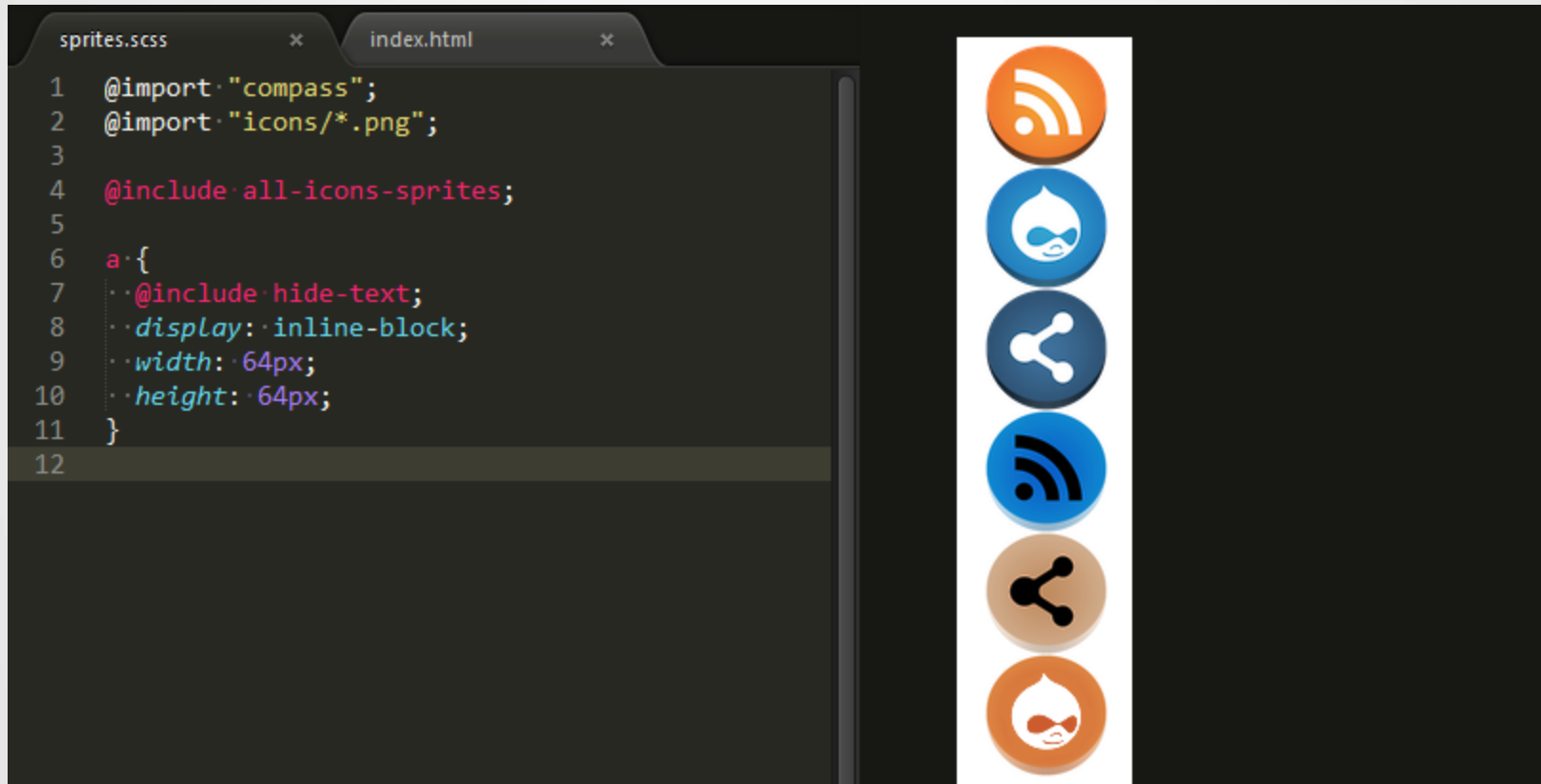

share.png


share_hover.png

Sprites



compass-style.org/reference/compass/typography/text/replacement



Sprites



compass-style.org/help/tutorials/spriting/magic-selectors

```
sprites.css  sprites.scss  index.html

1  .icons-sprite, .icons-drupal, .icons-rss, .icons-share {
2  |  background: url('/images/icons-sa26b5585ba.png') no-repeat;
3
4  .icons-drupal { background-position: 0 -64px; }
5  .icons-drupal:hover, .icons-drupal.drupal_hover, .icons-drupal.drupal-hover {
6  |  background-position: 0 -320px; }
7
8  .icons-rss { background-position: 0 0; }
9  .icons-rss:hover, .icons-rss.rss_hover, .icons-rss.rss-hover { background-position: 0 -192px; }
10
11 .icons-share { background-position: 0 -128px; }
12 .icons-share:hover, .icons-share.share_hover, .icons-share.share-hover {
13 |  background-position: 0 -256px; }
14
15 a {
16 |  text-indent: -119988px;
17 |  overflow: hidden;
18 |  text-align: left;
19 |  display: inline-block;
20 |  width: 64px;
21 |  height: 64px; }
```

Errors



```
Syntax error: Invalid CSS after " font-family:": expected pseudoclass or pseudoelement, was " "Juice";"  
on line 6 of /var/www/new/scss/style.scss
```

```
1: /var/www/new/scss/style.scss
```

Hello



Drupal

Sass, Compass and Omega



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Using Sass and Compass with Omega 3.x

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Last updated July 18, 2013. Created by [Mark123](#) on October 10, 2012. Edited by [screenack](#), [bisonbleu](#), [wheatpenny](#). You can [edit this page](#), too.

[Sass](#) is a CSS pre-processor, and [Compass](#) a library of Sass code. While both will be part of Omega 4.x, you can incorporate them into 3.x as well without much difficulty. Instructions for installation of Sass and Compass may be found at the [Compass website](#). Note however, that at least for the Mac, the command listed there of `gem install compass` improperly installed files for me. Adding 'sudo' was necessary: `sudo gem install compass`. Once Sass and Compass are installed, the following instructions will incorporate them into an Omega subtheme.

Note: "sass" and "scss" are two different syntaxes for creating your preprocessor stylesheets. These instructions presume you'll use "scss" variant. Substitute "scss" with "sass" as necessary. Also note that regardless of your preferred syntax, the commands

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Audience

Sass, Compass and Omega



- **compass create . --sass-dir=scss --css-dir=css --bare**

```
config.rb
1  # Require any additional compass plugins here.
2
3  # Set this to the root of your project when deployed:
4  http_path = "/"
5  css_dir = "css"
6  sass_dir = "scss"
7  images_dir = "images"
8  javascripts_dir = "javascripts"
9
```

- **Copy all files from css folder to scss folder**
- **Rename all .css files to .scss**

Sass, Compass and Omega



<theme>/scss

- _fonts.scss
- _mixins.scss
- _text.scss
- global.scss
- skull5-alpha-default.scss

<theme>/css

- global.css
- skull5-alpha-default.css

Sass/Compass



**Or how it finally clicked and
I learned to love preprocessors**

• • • • •

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